IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Pa	tent Applica	tion of:		
Yasutsu	ıgu KUROD	A, et al.		
Applicat	tion No.: 09	/327,477	Group Art Unit: 2132	
Filed: J	une 8, 1999		Examiner: Abdulhakim NOB	AHAR
		IC DATA STORAGE APPARAT RONIC DATA STORAGE MET		
		INFORMATION DISCLOS	SURE STATEMENT	MECEIVER
PO Box	ssioner for P 1450 Iria, VA 223		C_{i}	JUL 1 4 2004 FEE OF PETTORS
Sir:				• • • • • • • • • • • • • • • • • • • •
provided subject if it is de	d certain info U.S. patent eemed mate	ce with the duty of disclosure properties or mation which the Examiner material application. It is requested that rial to the examination of the su	ay consider material to the exa the Examiner make this inforn bject application.	amination of the
1. I	Enclosures a	accompanying this Information [Disclosure Statement are:	
	1a. \ 1b. \ 1c. \ 1d. \ 1e. \ 1f. \ 1g. \	Form PTO-1449. Copies of IDS citations. An English language copy of sapplication or a PCT Internation English language translation (ceach non-English language put Explanations of Relevancy of Explanations of Relevancy of Explanation and Copending Applications List of Additional Submitted Do	nal Search Report. complete or relevant portion(s) blication. References (ATTACHMENT 1(n of each non-English publicat (ATTACHMENT 1(f), hereto).) attached to (e), hereto) for tion.
2.	This Inform	mation Disclosure Statement is		
	2a. ☐ 2b. ☐ 2c. ☐ 2d. ☒	(Check either Item 2d Within three months of the filin Continued Prosecution Applica Within three months of the date § 1.491 in an international application of a first Off Before the mailing of a first Off Continued Examination under	g date of a national application ation under § 1.53(d); e of entry of the national stage lication. Tice Action on the merits; or Tice Action after the filing of a F	e as set forth in

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Serial No.: 09/327,477

3.	specified Action und	mation Disclosure Statement is filed under 37 CFR § 1.97(c) after the period in paragraph 2 above but before the mailing date of any of a Final Office der § 1.113, a Notice of Allowance under § 1.311 or an action that otherwise esecution in the application, AND (Check either Item 3a or 3b; Item 3b to be checked if any reference known for more than 3 months)
	3a.	The §1.97(e) Statement in Item 5 below is applicable; OR The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is: enclosed.
		to be charged to Deposit Account No. 19-3935.
4.	This Infor	mation Disclosure Statement is filed under 37 CFR §1.97(d) after the period in paragraph 3 above, but on or before payment of the Issue Fee, AND
	4a. 🗌 4b. 🔲	The § 1.97(e) Statement in Item 5 below is applicable; AND The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is: ———————————————————————————————————
		to be charged to Deposit Account No. 19-3935.
5.	Statemen	t under § 1.97(e) (applicable if Item 3a or Item 4a is checked) (Check either Item 5a or 5b)
	5a. 🗌	In accordance with 37 CFR § 1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
	5b. 🗌	In accordance with 37 CFR § 1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
6.	This is a (continuation/divisional/continuation-in-part application under 37 CFR §
	, ,	(Check appropriate Items 6a and/or 6b)
	6a. 🗌	Copies of the publications listed on the attached Form PTO-1449 which were previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, have been omitted pursuant to 37 CFR §
	6b. 🗌	1.98(d). Copies of the publications listed on the attached Form PTO-1449 which were not previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, are provided herewith.

Serial No.: 09/327,477

7.	\boxtimes	This is a c	continuation/divisional application under 37 CFR § 1.53(d) or a Request for d Examination under 37 CFR 1.114.
			(Check either Item 7a or 7b)
		7a. ☐ 7b. ⊠	The Issue Fee has not been paid. A Petition to Withdraw from issue under 37 CFR § 1.313(c) is filed concurrently herewith or has been granted. A continuation/divisional application under 37 CFR § 1.53(d) or a Request for Continued Examination under 37 CFR 1.114, after payment of the Issue Fee, is proper in accordance with 37 CFR § 1.53(d)(1)(ii) or 37 CFR 1.114(a), respectively.
8.		This is a	Supplemental Information Disclosure Statement.
			(Check either Item 8a or 8b)
		8a. 🗌	This Supplemental Information Disclosure Statement under 37 CFR § 1.97(f) supplements the Information Disclosure Statement filed on A bona fide attempt was made to comply with 37 CFR § 1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental IDS can be considered as if properly filed on
		8b. 🗌	This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR § 1.97 and 1.98, mailed
9.	☐ II	n accordar Inderstood	nce with 37 CFR § 1.98, a concise explanation of what is presently to be the relevance of each non-English language publication is:
			(Check appropriate Items 9a, 9b, 9c and/or 9d)
		9a. 🗌	satisfied because all non-English language publications were cited on the enclosed "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed.)
		9b. 🔲	set forth in the application.
		9c.	satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
		9d. 🗌	enclosed as Attachment 1(e), hereto.
10.	be th	e, material an search	to patentability nor a representation that a search has been made (other report(s) from a counterpart foreign application or a PCT International out, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Serial No.: 09/327,477

11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR § 1.17 for this Information Disclosure Statement to Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Registration No. 30,358

Dated: ///3// 1201 New York Ave., N.W., Suite 700

Washington, D.C. 20005 Telephone: (202) 434-1500 Facsimile: (202) 434-1501

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June 8, 1999

Sheet 1 of 1 APPLICATION NO. 09/327,477 826.1547 FIRST NAMED INVENTOR Yasutsugu KURODA, et al. FILING DATE

GROUP ART UNIT

2132

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

			U.S. PA	MENT DOCUMENTS			
*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	АВ						
	AC						<u>-</u>
	AD						
	AE		"				
	AF						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSL YES	ATION NO
AG							
AH							
Al							
AJ							
AK							
AL							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)				
AM	European Office Action Application No. 99 304 647.3 – 1525 dated February 20, 2004			

EXAMINER	DATE CONSIDERED
EXAMINER	DATE CONSIDERED

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.